

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,650,004 B2
APPLICATION NO. : 10/051757
DATED : January 19, 2010
INVENTOR(S) : Eric A. Durant

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

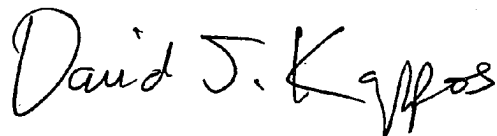
In column 14, lines 16-32, in claim 1, delete "1. An apparatus for fitting a hearing aid by its wearer, comprising: a memory adapted to store a first population comprising a plurality of parent sets; a toggle device adapted to toggle between a pair of the plurality of parent sets; a select indicator for selecting a preferred one set of the pair; a communications link adapted to connect with the hearing aid; and a processor adapted to provide signals to the hearing aid to change operation of the hearing aid based on each parent set, to allow the wearer to select one preferred set for each pair of parent sets, to record a ranking of parent sets, assign probabilities of selection of parent sets, crossover and/or mutate at least one parent set, and replace weakest parent sets with a child set." and

insert -- 1. An apparatus for fitting a hearing aid, comprising:
a memory having a first population stored therein, the first population comprising a plurality of parent sets;
a toggle device for toggling between a plurality of pairs of the plurality of parent sets, each of the plurality of pairs having a first and second set;
a select indicator for selecting a preferred one of the first and second set in the each of the plurality of pairs;
a genetic algorithm operator for performing one of mutation and crossover on at least one set of the plurality of parent sets thereby producing a child set;
a genetic algorithm for replacing one of the plurality of parent sets in the first population with the child set thereby forming a second population wherein the toggle device toggles between another pair of sets, the another pair being selected from the second population;
a processor for converging the sets of the plurality of pairs and the another pair to a single solution set; and
a communications link for interfacing with the hearing aid. --.

In claim 2, lines 33-36, delete "2. The apparatus according to claim 1, wherein the processor ranks a hierarchy of the plurality of parent sets. probability of selection by the select indicator to the sets of the plurality of pairs and the another pair." and
insert -- 2. The apparatus according to claim 1, wherein the processor ranks a hierarchy of the plurality of parent sets. --, therefor.

Signed and Sealed this

Eighteenth Day of May, 2010



David J. Kappos
Director of the United States Patent and Trademark Office

In column 15, line 36, in Claim 11, delete “aid,” and insert -- aid --, therefor.

In column 15, line 42, in Claim 11, delete “paid” and insert -- pair --, therefor.

In column 16, line 13, in Claim 13, delete “paid” and insert -- pair --, therefor.